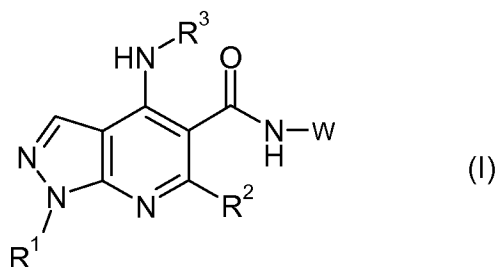


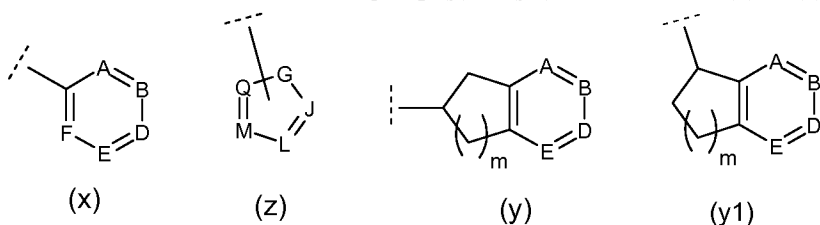
## ABSTRACT

### **Pyrazolo[3,4-b]pyridine compounds, and their use as PDE4 inhibitors**

The invention provides a compound of formula (I) or a salt thereof:



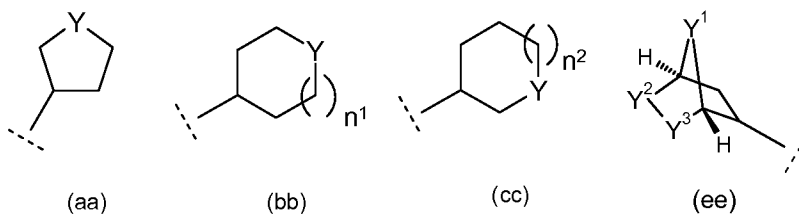
wherein W is Ar,  $-\text{CR}^4\text{R}^5\text{Ar}$  or a group (y) or (y1), wherein Ar is (x) or (z):



$\text{R}^1$  is  $\text{C}_{1-4}$ alkyl,  $\text{C}_{1-3}$ fluoroalkyl or  $-\text{CH}_2\text{CH}_2\text{OH}$ .

$\text{R}^2$  is  $\text{C}_{2-6}$ alkyl,  $\text{C}_{3-6}$ cycloalkyl or  $-(\text{CH}_2)_n\text{C}_{3-6}$ cycloalkyl;

and  $\text{R}^3$  is optionally substituted  $\text{C}_{3-8}$ cycloalkyl, optionally substituted mono-unsaturated- $\text{C}_{5-7}$ cycloalkenyl, an optionally substituted heterocyclic group (aa), (bb) or (cc) (in which Y is O, S,  $\text{SO}_2$ , or  $\text{NR}^{10}$ ), or a bicyclic group (ee):



These compounds are PDE4 inhibitors.